

U.S. ENVIRONMENTAL PROTECTION AGENCY
**Ecological Thresholds in Aquatic Ecosystems: The Role of Climate Change,
Anthropogenic Disturbance, and Invasive Species**
Progress Review Workshop

JUNE 7–8, 2007
The Fairmont Washington, DC Hotel

AGENDA

DAY ONE – Thursday, June 7, 2007

7:30 a.m. – 8:30 a.m.	Registration (Dumbarton Room)
8:30 a.m. – 9:00 a.m.	Introductory Remarks <i>Becki Clark</i> , Director, Environmental Science Division, Office of Research and Development (ORD), National Center for Environmental Research (NCER) <i>Iris Goodman</i> , Project Officer, ORD, NCER
9:00 a.m. – 9:40 a.m.	Eutrophication Thresholds – Assessment, Mitigation, and Resilience in Landscapes and Lakes – <i>D. Collins</i>
9:40 a.m. – 10:20 a.m.	A Statistical Methodology for the Detection, Quantification, and Prediction of Ecological Thresholds – <i>C. Richardson</i>
10:20 a.m. – 10:30 a.m.	Break
10:30 a.m. – 11:10 a.m.	Quantifying Stream Ecosystem Resilience To Identify Thresholds for Salmon Recovery – <i>A. Merenlender</i>
11:10 a.m. – 11:50 a.m.	Ecosystem Thresholds and Alternate States in Great Plains Rivers and Streams: Cascading Effects of Anthropogenic Hydrologic Disturbance – <i>K. Gido</i>
11:50 a.m. – 12:20 p.m.	Determination of Ecological Thresholds Through a Historical Perspective of Trophic Dynamics – <i>M. Delong</i>
12:20 p.m. – 1:30 p.m.	Lunch on your own and Poster setup (Lindens Room)
1:30 p.m. – 2:10 p.m.	Quantifying Ecological Thresholds and Resilience in Stream Ecosystems – <i>R. Hilderbrand</i>
2:10 p.m. – 2:50 p.m.	Land Use Land Cover Change Governing Watershed Nitrogen Threshold and Stream Water Quality – <i>B. McGlynn</i>
2:50 p.m. – 3:30 p.m.	Long-Term Data Sets –The Chesapeake Bay and its Major Fisheries – <i>R. Mann</i>
3:30 p.m. – 5:30 p.m.	Poster Session (Lindens Room)
5:30 p.m.	Adjourn (Dinner on your own)

DAY TWO – Friday, June 8, 2007

8:00 a.m. – 8:30 a.m.	Registration (Dumbarton Room)
8:30 a.m. – 9:10 a.m.	Thresholds and Multiple Stable States in Southern New England Shallow Water Estuarine – <i>R. Osman</i>
9:10 a.m. – 9:50 a.m.	Retrospective Analysis of a Multi-Decadal Phytoplankton Time-Series in Naragansett Bay: Stressors, Resilience, Change, and Ecological Thresholds – <i>T. Smayda</i>
9:50 a.m. – 10:15 a.m.	Break
10:15 a.m. – 10:55 a.m.	Constructing Probability Surfaces of Ecological Changes in Coastal Aquatic Systems Through Retrospective Analysis of <i>Phragmites australis</i> Invasion and Expansion – <i>D. Whigham</i>
10:55 a.m. – 11:20 a.m.	Ecological Thresholds and Responses of Stream Benthic Communities to Heavy Metals – <i>W. Clements</i>
11:20 a.m. – 11:45 a.m.	Lunch on your own and check out of the hotel
11:45 a.m. – 12:30 p.m.	Discussion <ul style="list-style-type: none">• Synthesis• Archiving• Relationship to Management• Program Office Interests
12:30 p.m. – 1:30 p.m.	Preview for Upcoming RFAs and Projects
1:30 p.m.	Adjourn